

S/N: 10/766,828  
DATE: 12-17-04

8 ("4120585"   "4525859"   "4537484"   "4832485"   "5040223"   "5146102"   "5224174"   "5289253").PN.	US-PGPUB; USPAT; USOCR	12/17/04 10:28
29 ("5448649").URPN.	USPAT	12/17/04 11:07
17 chen-dennis\$9.in.	USPAT	12/17/04 11:07
1 KATO-NORHIRO\$9.in.	US-PGPUB; USPAT; IBM_TDB	12/17/04 11:08
1 KATO-NORHIRO\$9.in. (((light or illumination) with source) or laser or diode) same (split\$5 or beam\$2split\$5 or light\$2split\$5) same (photo\$2diode or detect\$5 or sens\$5) same imag\$5	US-PGPUB; USPAT; IBM_TDB	12/17/04 11:08
281 same transparent	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:44
1 S119 and S132 (((light or illumination) with source) or laser or diode) same (split\$5 or beam\$2split\$5 or light\$2split\$5) same	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:44
22845 (photo\$2diode or detect\$5 or sens\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:43
17 ("4626920").URPN.	USPAT	12/17/04 7:39
6 ("4878122").URPN. ("4441791"   "4626920"   "4857978"   "5170283"   "5258775"   "5311360"   "5459610"   "5661592"   "5677783"   "5808797"   "5822110"   "5841579"   "5844711"   "5982553"   "6084626"   "6088102"	USPAT	12/17/04 7:39
18 "6215579"   "6307663").PN. ("4868668"   "5386253"   "5982553"   "6052166"	US-PGPUB; USPAT; USOCR	12/17/04 7:38
8 "6307663"   "6384959"   "6411425"   "6476848").PN. (((light or illumination) with source) or laser or diode) with (split\$5 or beam\$2split\$5 or light\$2split\$5) with	US-PGPUB; USPAT; USOCR	12/17/04 7:36
1403 (photo\$2diode or detect\$5 or sens\$5) same imag\$5	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:35
8 S119 and S126 (((light or illumination) with source) or laser or diode) with (split\$5 or beam\$2split\$5 or light\$2split\$5) with	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:35
9638 (photo\$2diode or detect\$5 or sens\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:34
0 S123 and (image with retriev\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:34
76 S123 and (imag\$5)	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:34
85 S118 and S121	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:33
195 S118 and S120	US-PGPUB; USPAT; IBM_TDB	12/17/04 7:33
2019 ((359/618,813-814) or (369/44.15,44.16)).CCLS. ((359/618,813-814) or (369/44.15,44.16) or (382/126) or	US-PGPUB; USPAT; USOCR; IBM_TDB	12/17/04 7:29
2348 (345/166)).CCLS. ((359/618,813-814,822-824) or	US-PGPUB; USPAT; USOCR; IBM_TDB	12/17/04 7:29
3683 (369/44.15,44.16)).CCLS. ((359/618,813-814,822-824) or	US-PGPUB; USPAT; USOCR; IBM_TDB	12/17/04 7:28
2939 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/15/04 11:14
2 ("4560457"   "5396061").PN.	US-PGPUB; USPAT; USOCR	12/15/04 11:09
("3205774"   "4422169"   "5612826"   "6108292"		
6 "6270696").PN.	US-PGPUB; USPAT; USOCR	12/15/04 11:07
5 ("6108292").URPN.	USPAT	12/15/04 11:07
72 martinez-joseph\$9.xa.	US-PGPUB; USPAT; IBM_TDB	12/15/04 10:57
9 S112 and (objective with lens)	US-PGPUB; USPAT; IBM_TDB	12/15/04 10:57
21 S110 and split\$5	US-PGPUB; USPAT; IBM_TDB	12/15/04 10:56
196 S107 and OPTICAL	US-PGPUB; USPAT; IBM_TDB	12/15/04 7:00
8 S107 and (beam adj split\$4)	US-PGPUB; USPAT; IBM_TDB	12/15/04 6:59
1 S108 AND "2673"	US-PGPUB; USPAT; IBM_TDB	12/15/04 6:58

234 (345/166).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/15/04 6:45
0 S104 and (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 17:00
2 S104 and (beam with split\$5)	US-PGPUB; USPAT; IBM_TDB	12/14/04 17:00
35 (optical adj2 mouse) and (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:59
76 (optical adj2 mouse).ti.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:59
1 (optical adj2 mouse) same (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
1 (optical adj2 mouse) same splitter	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
0 S101 not S100	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
69 (optical adj2 point\$5) same (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:58
(optical wadj2 mouse) and (image with retriev\$5) and		
582 (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:57
(optical adj2 mouse) and (image with retriev\$5) and		
0 (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:57
(optical with mouse) and (image with retriev\$5) and		
18 (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:56
(optical with mouse) and (image with retriev\$5 with		
0 method) and (beam with splitter)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:55
243 (optical with mouse) and (image with retriev\$5)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:55
(optical with mouse) and (image with retriev\$5 with		
44 method)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:54
3453 (optical with mouse)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:53
243 (optical with mouse) and (image with retriev\$5)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:53
30 S89 and "359"/\$.ccls.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:27
76 werner-brian.xp.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:27
71 S86 and splitter	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:24
0 S86 and (optical with mouse)	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:24
334 chang-audrey\$9.xp.	US-PGPUB; USPAT; IBM_TDB	12/14/04 16:20
1 ("6400492").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	12/14/04 16:19
(( SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or		
KATO-NORHIRO\$9.in. or ( TANAKA-TETSU\$9.in. and		
(objective adj lens)) or ( KUBO-TAKESHI\$9.in. and		
2 (objective adj lens))) and (slide adj base)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:31
(( SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or		
KATO-NORHIRO\$9.in. or ( TANAKA-TETSU\$9.in. and		
(objective adj lens)) or ( KUBO-TAKESHI\$9.in. and		
(objective adj lens))) and (((359/618,813-814,822-824)		
2 or (369/44.15,44.16)).CCLS.)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:31
(objective adj lens) and (base and core and conductor		
65 and electric\$5 and board)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:16
((((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and ((objective adj lens) and		
(base and core and conductor and electric\$5 and		
8 board))	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:16
(objective adj lens) and (base and core and conductor		
176 and electric\$5)	US-PGPUB; USPAT; IBM_TDB	9/14/04 15:15
((359/618,813-814,822-824) or		
2939 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	9/14/04 14:53
((359/618,813-814,822-824) or		
3032 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	9/14/04 14:53
((objective adj lens) and (base and core and conductor		
and electric\$5)) and (((359/618,813-814,822-824) or		
12 (369/44.15,44.16)).CCLS.)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:53
(objective adj lens) and (base same core same		
4 conductor same electric\$5)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:52
58 (objective adj lens) and (slide adj base)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:47

((objective adj lens) and (slide adj base)) and core and 2 conductor and electric\$5	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:47
((objective adj lens) and (slide adj base)) not (((objective adj lens) and (slide adj base)) and core and conductor 56 and electric\$5)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:47
6 KUBO-TAKESHI\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:38
3 TANAKA-TETSU\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
5 KUBO-TAKESHI\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
11 SUZUKI-JUNICHI\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
1 KATO-NORHIRO\$9.in.	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
4 TANAKA-TETSU\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:37
11 SUZUKI-JUNICHI\$9.in. and (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/14/04 14:36
35 4759005.URPN.	USPAT	5/3/04 17:24
0 6587284.URPN.	USPAT	5/3/04 16:40
("5285434"   "5321678"   "5359459"   "5561646"   7 "5905255"   "5949590"   "6278669").PN.	USPAT	5/3/04 16:40
2 5949590.URPN.	USPAT	5/3/04 16:39
("5285434"   "5321678"   "5359459"   "5561646"   5 "5949590").PN.	USPAT	5/3/04 16:21
8436 coil with board	US-PGPUB; USPAT; IBM_TDB	5/3/04 16:20
114 coil adj board	US-PGPUB; USPAT; IBM_TDB	5/3/04 16:20
((359/618,813-814,822-824) or 2939 (369/44.15,44.16)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	5/3/04 16:20
(coil adj board) and (((359/618,813-814,822-824) or 6 (369/44.15,44.16)).CCLS.)	US-PGPUB; USPAT; IBM_TDB	5/3/04 16:20
3 5870373.URPN.	USPAT	5/1/04 11:47
2 6016292.URPN.	USPAT	5/1/04 11:44
2 5768037.URPN.	USPAT	5/1/04 11:43
35 4759005.URPN.	USPAT	5/1/04 11:40
(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet same (objective adj lens))) and (print\$4 with board) with 70 coils	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:37
6 (print\$4 adj coil adj board) with coils	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet 360 same (objective adj lens))	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet same (objective adj lens))) and (print\$4 adj coil adj 4 board)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
((((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet same (objective adj lens))) and (print\$4 adj coil adj board)) not (((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((print\$6 adj coil adj 0 board) same magnet same (objective adj lens)))	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and (coil\$3 same magnet 121 same (objective adj lens))) and (print\$4)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:36
(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((print\$6 adj coil adj 4 board) same magnet same (objective adj lens))	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:35

(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((coil adj board) same 4 magnet same (objective adj lens))	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:35
6 (print\$4 adj2 coil adj2 board) and (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:32
0 (print\$4 adj2 coil adj2 board).ti.	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:32
0 print\$4 adj2 circuit adj2 board adj 2coil	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:32
3 (print\$4 adj coil adj board) and (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:31
0 (print\$4 adj coil adj board) with (single adj magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:24
0 (print\$4 adj coil adj board) with (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:24
0 (print\$4 adj coil adj board) same (single with magnet)	US-PGPUB; USPAT; IBM_TDB	5/1/04 11:24
2 5949590.URPN.	USPAT	5/1/04 11:22
0 6587284.URPN.	USPAT	5/1/04 11:22
("5285434"   "5321678"   "5359459"   "5561646"   7 "5905255"   "5949590"   "6278669").PN.	USPAT	5/1/04 11:22
2 ("5828634"   "6344936").PN.	USPAT	5/1/04 11:21
("5285434"   "5321678"   "5359459"   "5561646"   5 "5949590").PN.	USPAT	5/1/04 11:21
1 6344936.URPN.	USPAT	5/1/04 11:20
1 6377407.URPN.	USPAT	4/30/04 17:22
0 6519100.URPN.	USPAT	4/30/04 17:20
("5627687"   "5636068"   "5903539"   "5926327"   6 "6317277"   "6377407").PN.	USPAT	4/30/04 17:20
4 ("4669823"   "4702555"   "5208703"   "5566149").PN.	USPAT	4/30/04 17:20
5 5926327.URPN.	USPAT	4/30/04 17:16
4 ("5428589"   "5446721"   "5602808"   "5748580").PN.	USPAT	4/30/04 17:07
("4449213"   "4653856"   "4669823"   "4702555"   "4766583"   "4927235"   "4948230"   "5046820"   "5073883"   "5144607"   "5161067"   "5208703"   "5220459"   "5313334"   "5323378"   "5428481"   17 "5446721").PN.	USPAT	4/30/04 17:03
10 5446721.URPN.	USPAT	4/30/04 17:01
("5446721"   "5598397"   "5877904"   "5905255"   8 "5926327"   "5940227"   "5999501"   "6163416").PN.	USPAT	4/30/04 16:59
0 6643229.URPN.	USPAT	4/30/04 16:56
("5043964"   "5430699"   "5905255"   "6084834"   6 "6181670"   "6341104").PN.	USPAT	4/30/04 16:56
5 6341104.URPN.	USPAT	4/30/04 16:49
3 5940227.URPN.	USPAT	4/30/04 14:21
0 5724324.URPN.	USPAT	4/30/04 14:20
4 5218483.URPN.	USPAT	4/30/04 14:19
(objective adj lens) same coil\$4 same (single with 21 magnet)	US-PGPUB; USPAT; IBM_TDB	4/30/04 14:17
12 4482988.URPN.	USPAT	4/30/04 14:17
2450 (objective adj lens) and coil\$4 and magnet	US-PGPUB; USPAT; IBM_TDB	4/30/04 14:16
3 ("4759005"   "5177640"   "5548449").PN.	USPAT	4/30/04 14:12
10 4782475.URPN.	USPAT	4/30/04 10:24
(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((objective adj lens) and 475 coil\$4 and magnet)	US-PGPUB; USPAT; IBM_TDB	4/30/04 10:23
(((359/618,813-814,822-824) or (369/44.15,44.16)).CCLS.) and ((objective adj lens) and 30 coil\$4 and magnet)) and north and south	US-PGPUB; USPAT; IBM_TDB	4/30/04 10:23
16 4813033.URPN.	USPAT	4/30/04 10:08
14 4507765.URPN.	USPAT	4/30/04 10:05
89 SUZUKI-JUNICHI\$9.in.	US-PGPUB; USPAT; IBM_TDB	4/30/04 10:02

7 5727111.URPN.  
4 TANAKA-TETSU\$9.in. and lens  
20 KUBO-TAKESHI\$9.in.  
145 TANAKA-TETSU\$9.in.

USPAT  
US-PGPUB; USPAT; IBM\_TDB  
US-PGPUB; USPAT; IBM\_TDB  
US-PGPUB; USPAT; IBM\_TDB

4/30/04 10:00  
4/30/04 9:58  
4/30/04 9:58  
4/30/04 9:57